

KADRACKA, Janina: JACH, Zygmunt

Method of determining the acidity of gastric content with "gastrotest"  
(cilag) preparation without sounding. Ann.Univ.Lublin; sec. D 14:  
207-212 '59.

1. Z Katedry III Kliniki Chorob Wewnętrznych Wydziału Lekarskiego  
Akademii Medycznej w Lublinie Kierownik: prof. dr med. Michał Voit.  
(GASTRIC JUICE)

JACHIMOWICZ, Aleksander, mgr.

The chemical industries of Great Britain. Chemik 14  
no.9:344-346 S '61.

1. Centralne Laboratorium Siarki i Kopalni Chemicznych,  
Warszawa.

JACHIMOWICZ, Aleksander, mgr

Air pollution, the nuisance of industrialized countries. Chemik  
15 no.1:9-13 Ja '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

JACHIMOWICZ, Aleksander, mgr

Chemical industry of Italy. Chemik 15 no.2:56-59 F '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

JACHINOWICZ, Aleksander, mgr inz.

Air pollution, the nuisance of industrialized countries. Chemik  
15 no.3:96-99 Mr '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

JACHIMOWICZ, Aleksander, mgr

The Netherlands chemical industry. Chemik 15 no.6:210-213  
Je '62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

JACHIMOWICZ, Aleksander, mgr

Situation on the world aluminum market. Chemik 16 no.6:163-167 Jo '63.

1. Centralne Laboratorium Kopalnych Surowcow Chemicznych, Warszawa.

JACHIMOWICZ, Aleksander, mgr

The world potassium market. Chemik 16 no.7/8:225-229 J1-Ag  
'63.

1. Centralne Laboratorium Kopalnych Surowcow Chemicznych.



JACHIMOWICZ, Aleksander, mgr

Schooling in chemistry in the U.S.S.R. Chemik 16 no.11:  
341-343 N '63.

1. Centralne Laboratorium Kopalnych Surowcow Chemicznych.

JACHINOWICZ, Aleksander, mgr

Education of chemists in the German Federal Republic.  
Chemik 16 [i. e. 17] no. 4:133-135 Ap '64.

1. Central Laboratory of Fossil Raw Materials for Chemistry,  
Warsaw.

JACHNIN, Z.

Experiences in the work of the Design and Technological Section  
of Industrial Culture. Podn org 19 no.4:183-184 Ap '65.

1. Head of the Design and Technological Section of Industrial  
Culture of the State Electrical Engineering Factory, Riga.

JACHOWICZ, Aleksander

Preliminary characteristics of the microflora of the Lechówek  
and Zareby layers. Kwartalnik geol 6 no.3:403-415 '62.

1. Gornoslaska Stacja Terenowa, Instytut Geologiczny, Sosnowiec.

STOPA, Stanislaw Zbigniew; JACHOWICZ, Aleksander

Carbon stratigraphy in the Borek Szlachecki borehole.  
Kwartalnik geol 6 no.4:707-721 '62.

1. Katedra Zloz Wegli, Akademii<sup>u</sup> Gorniczo-Hutnicza, Krakow  
(for Stopa).
2. Gornoslaska Stacja Terenowa, Instytut Geologiczny,  
Sosnowiec, (for Jachowicz).

JACHIMOVICZ, S.

Post insulinic atrophy of the subcutaneous adipose tissue. Polski  
tygod.lek. 5 no.5:177-183; concl. 30 Ja '50. (CLML 19:3)

1. Of the First Clinic of Internal Diseases, Lodz University (Head--  
Prof. J.W.Grott, M.D.).

JACHIMOWICZ, J.

JACHIMOWICZ, J. Acetic fermentation based on the transformation of ethyl alcohol. p. 261.

Vol. 10, no. 6, June, 1956  
PRZEMYSŁ SPOŻYWCZY  
TECHNOLOGY  
Warsaw, Poland

So. East Accession Vol. 6, no. 2, Feb. 1957

JACHIMOWSKI, A.

New designs of Polish boilers for the power industry. p. 243.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)  
Warszawa, Poland. Vol. 17, no. 5, May 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.  
Uncl.



23025  
P/045/61/020/004/003/004  
B133/B205

94:3500  
AUTHORS:

Wesołowski, J.<sup>†</sup>, Jachimowski, M.<sup>†</sup>, Dragen, R.

TITLE: Luminescence of "dry" aluminum oxide films in electric fields

PERIODICAL: Acta Physica Polonica, v. 20, no. 4, 1961, 303-311

TEXT: The electrical and luminescent properties of electrolytically formed "dry" aluminum oxide films have been studied. The properties of such films were found to resemble strongly those of both electrolytic and typical electroluminescent cells. It is therefore assumed that the luminescence of both electrolytic and "dry" aluminum cells is a process of electroluminescence. The typical properties of electrolytic cells which have received special attention in the last few years (see Ruziewicz, Z., Bull. Acad. Polon. Sci., Cl. III., 4, 537, 543 (1955)), are presented in the introduction. The properties of "dry" cells prepared by the authors are compared herewith. The latter consisted of aluminum plates of about 20 cm<sup>2</sup> area, which were oxidized anodically in 1-2% aqueous solutions of oxalic acid at constant current or constant voltage. Part of the oxidized

Card 1/5

23025

Luminescence of "dry" aluminum ...

P/045/61/020/004/003/004  
B133/B205

area was coated with a transparent and conducting CdO or  $\text{SnO}_2$  film. The cadmium-oxide film was deposited by the cathodic reactive sputtering technique, and the  $\text{SnO}_2$  film was fumed by the procedure of chemical deposition (Fischer, A., Z. Naturforsch. 2a, 508, (1954)). There appeared to be little difference in the behavior of cells prepared by either method. The simple arrangement used for the purpose allowed for simultaneous measurement of both the intensity,  $I_c$ , induced by d-c voltage in the cell, and the intensity,  $I_f$ , of the photocurrent which was produced in an F.E.U. 19-M photomultiplier and was proportional to the brightness of luminescence. The cells emitted light if the voltage applied in the inverse direction was sufficiently high. Sudden transitions between the states (Al+) and (Al-) produced anode and cathode flashes as in the case of electrolytic cells. Measurements of  $I_c$  and  $I_f$  at different d-c voltages (see Figs. 4 and 5) indicated the following: "Dry" luminescent cells exhibit a pronounced property of rectification. As in the case of electrolytic cells with constant oxide thickness, it is found that  $L = c \cdot l$ .

Card 2/5

JACHINOWSKI, STANISLAW

Jachinowski, Stanislaw. *Niwelacja i tachymetria*. Wyd. 3. Warszawa, Państwowe Wydawn. Techniczne, 1951. 235 p. (Leveling and tachymetry; a textbook)

SO: Monthly list of East European Accessions, LC, Vol. 3, No. 1, Jan. 1954, Uncl.

JACHOL, H.

JACHOL, H. Determination of indexes. p. 20. GOSPODARKA MIESNA. Warszawa, Poland. Vol. 8, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

CZECHOSLAVAKIA/Organic Chemistry. Organic Synthesis.

G

Abs Jour: Ref Zhur-Khim., No 11, 1959, 38650.

Author : Rubcov, M. V. and Jachentev, L. N.

Inst :

Title : Investigation of the Synthesis of a Number of  
Quinuclidine Derivatives.

Orig Pub: Ceskoslov Farmc, 7, No 9, 520-528 (1958) (in Czech)

Abstract: A review article with a bibliography listing 75  
titles. -- Ye. T.

Card : 1/1

G-35

JACHOWICZ, A.

GEOGRAPHY & GEOLOGY

Periodical: KWARTALNIK GEOLOGICZNY. Vol. 2, no. 3, 1958

JACHOWICZ, A. Stratigraphic problems of the Upper Silurian productive Carboniferous in the light of the study of microspores. p. 483

Monthly List of East European Accessions (KEAI) IG, Vol. 8, No. 5,  
May 1959, Unclass.

JACHONICZ, A.

TECHNOLOGY

PERIODICAL: PREZGLAD GEOLICZNY, Vol. 6, no. 2, Feb. 1953.

JACHONICZ, A. Spore specimens of the genus Entylissa in the Libiaz coal beds.  
p. 37.

Monthly List of East European Accessions (EEAI) LC Vol. 3, no. 4  
April 1959, Unclass.

JACHOWICZ, Aleksander; ZOLDANI, Zofia

A note on the carboniferous microflora from the bore hole "Zebrak".  
Kwartalnik geol 4 no. 3:662-666 '60.

1. Główny Rząd Programowej Kwartalnika Geologicznego (for Jachowicz)
2. Górnoślaska Stacja Instytutu Geologicznego w Warszawie.



JACHOWICZ, Aleksander

Attempt at applying the microflora to the stratigraphic division of the lower carbon deposits in the profile of the Upper Silesia - Miechow Basin - Gory Swietokrzyskie Mountains. Kwartalnik geol 5 no.4:989-990 '61.

1. Gornoslaska Stacja Terenowa, Instytut Geologiczny, Warszawa.

JACHIMOWICZ, Aleksander, mgr

Japan's chemical industry. Chemik 15 no.7/8:272-277 J1-Ag  
'62.

1. Centralne Laboratorium Siarki i Kopalin Chemicznych, Warszawa.

DEMBOWSKI, Zdzisław; JACHOWICZ, Aleksander

Development of studies on the geological and deposit structure  
of the Upper Silesian Coal Basin. Przegl geol 11 no.5:228-232  
My '63.

1. Gornoslaska Stacja Terenowa, Instytut Geologiczny, Sosnowiec.

JACHOWICZ, Andrzej, mgr inż.

Design of a Hovercraft based on the air cushion principle. Dł. masz  
przepływ no.47/48:91-97 '63.

COUNTRY : POLAND  
 CATEGORY : Chemical Technology. Chemical Products and their Applications.

ABS. JOUR. : SZhKhim., No 19 1959, No. 68380

AUTHOR : Jachowicz, J.; Silwiewicz, J.

: Fire Protection Measures in the  
Manufacture of Viscose Fibre

ORIG. PUB. : Przegl. pożarn., 1958, 36, No 11, 18 - 19

ABSTRACT : Among the manufacturing stages involved in the manufacture of viscose fibre there is a difference in the degree of fire hazard and in the necessary preventive measures (PM). The most dangerous stage with regard to fires and explosions is the treatment of cellulose with CS<sub>2</sub>. PM consists in the employment of explosion-proof electrical equipment and an independent ventilation system. The weaving step is less dangerous, however, it involves with a number of small fires arising from structural shortcomings of the weaving

COPY : 10

JACHOWICZ, Jan

Chromatographic analysis of gas traces in waters. Kwartalnik geol.  
6 no.2:413-414 '62.

1. Zakład Złoz Ropy, Soli i Surowcow Chemicznych, Instytut Geologiczny, Warszawa.

BRZEZINSKI, Z.J., KOPCZYNSKA, J., JACHOWICZ, I.

Modified Harpenden caliper for skinfold fat measurement.  
Roczn panstw zakl hig 14 no.5:423-426 '63.

1. Institute of General Hygiene, School of Medicine, Warsaw,  
Head: Prof. Dr M. Kacprzak, and Voivodeship Dispensary for  
School Hygiene, Warsaw.

JACHOWICZ, R. Mgr.Ins.Arch.

Planning of institutions of public health. Zdrowie pub.Warsz.  
no.4:275-286 July-Aug '55.  
(HOSPITALS,  
planning in Poland)



LAZCWSKA, Stefania; JACHOWSKA, Alicja

Effect of prolonged debecillin therapy on the frequency of infectious diseases of the upper respiratory tract and pharynx in rheumatic fever in children. Reum. Pol. 2 no. 2: 119-124 '64.

1. Z Oddziału Otolaryngologicznego Instytutu Reumatologicznego w Warszawie (Kierownik: dr med. T. Bardadin) i z Oddziału Dziecięcego Instytutu Reumatologicznego (Kierownik: prof. dr E. Wilkoszewski; Dyrektor Instytutu Reumatologicznego: dr med. W. Brühl).

DRABENT, R.; JACHYM, A.

Spectral investigation of rhodamine polymerisation processes  
in collodion. *Bul Ac Pol Mat* 9 no.9:701-705 '61.

1. Department of Physics, College of Agriculture, Olsztyn.  
Presented by A.Jablonski.

DEBENT, R.; JACHA, A.

Absorption of spectra of eosine in disubstituted ethers.  
Bul Ac Pol mat 10 no.6:357-359 '62.

L. Department of Physics, College of Arts and Sciences, Boston.  
Presented by A. Jachalski.

JACHYM, B.

Ion mobility in liquid cyclohexane. Acta physica Pol 24  
no.2:243-247 Ag '63.

1. II Institute of Physics, Technical University, Gdansk.

ACCESSION NR: AP4011793

P/0045/53/024/006/0785/0790

AUTHOR: Jachym, B.

TITLE: Mobility of ions in dielectric liquids of high viscosity

SOURCE: Acta physica polonica, v. 24, no. 6, 1963, 785-790

TOPIC TAGS: Ion mobility, dielectric liquids, high viscosity, paraffin oils, distillation over sodium, Stokes law, activation energy

ABSTRACT: The author measured the mobility of the negative and positive ions created by x-rays in paraffin oils with viscosity coefficients 1.6, 0.52, 0.26 and 0.044 P (on a Hoeppler viscosimeter), and tabulates the results. He disregarded the low temperature region, where oils cannot be treated as homogeneous liquids. The intrinsic conductance of the liquids after purification varied from  $10^{-16}$  to  $10^{-18}$   $\Omega^{-1} \text{ cm}^{-1}$ . Paraffin oils with lower self-conductance may possibly be obtained, but purification of the liquid (pentane-hexadecane) appeared difficult, so it was finally limited to distillation over sodium under lowered pressure. A fifth table shows the values of activation energy computed from the

Card 1/2

ACCESSION NR: AP4040360

P/0045/64/025/003/0385/0390

AUTHOR: Jachym, B.

TITLE: Induced conduction and ion mobility in silicone oils ionized by x-rays

SOURCE: Acta physica polonica, v. 25, no. 3, 1964, 385-390

TOPIC TAGS: silicone oil, ion mobility, x-ray irradiation, x-ray radiation effect, irradiated oil

ABSTRACT: The mobilities of negative and positive ions in silicone oils were measured by charging a capacitor and by a current method. The activation energies were determined from the temperature dependence of the viscosity coefficient and ion mobility and the respective results were found to differ slightly. Measurements of the ionization current in OE-4018 oil revealed a value about twice as high as in DC-703 oil and in hydrocarbon liquids (see Table 1 of the Enclosure). The author thanked Prof. I. Adamczewski for help and Dr. O. Gzowski for suggestions. Orig. art. has: 5 figures and 1 table.

Card 1/3

JACHYM, B.

Effect of temperature on the natural and induced condensation of  
liquid cyclohexene. Acta physica Pol 26 no. 4:1061-1068 '64

1. Department of Physics II of Gdansk Technical University.  
Submitted March 24, 1964.

ACC NR: AP7001708

some cases may become a form of the Stokes-Walden law:  $\mu = A\tau^k$ . The constant A amounts to  $A_- = 3 \cdot 10^{-6} (\text{cm}^2 \text{V}^{-1} \text{sec}^{-1} \text{P})$  for negative ions and  $A_+ = 1.5 \cdot 10^{-6} (\text{cm}^2 \text{V}^{-1} \text{sec}^{-1} \text{P})$  for positive ions. On the other hand, the power index  $k$  may vary within 1—2, depending on the type of liquid and ion. Orig. art. has: 2 figures, 6 formulas, and 1 table. [Authors' abstract] [NT]

SUB CODE: 20/SUBM DATE: 23Mar66/ORIG REF: 005/SOV REF: 003/  
OTH REF: 026/

Card 2/2



KASPRZYKOWNA, Z.; JACHYMCZYK, W.

Triterpene saponins in *Compositae*. II. Saponins in *Helianthus annuus* flowers. *Acta biochem. polon.* 3 no.3:299-308 1956.

1. Z Katedry Fizjologii Roslin i Katedry Chemii Organicznej  
Uniwers. Warsz.

(SAPONINS, determination,

triterpene saponins in *Helianthus annuus* flowers (Pol))

(*HELIANTHUS*,

*annuus*, determ. of triterpene saponins (Pol))

JACHYMCIZYK, W.; CHMIELEWSKA, I.

Isomeric methyl ethers of 3-substituted derivatives of 6-methyl-  
2H-pyran-2:4- — (3H)-dione. Bul chim PAN 8 no.4:155-160  
'60. (KEAI 10:9/10)

1. Department of Biochemistry, University, Warsaw. Presented by  
T. Urbanski.

(Methyl ether) (Pyran) (Dionine)

JACHYMCIZYK, Witold; CIESLAK, Jerzy; CHMIELEWSKA, Irena

Tautomerism of dicoumarol. Three isomeric methyl-ethyl ethers of  
dicoumarol. Roczniki chemii 34 no.3/4:925-930 '60. (EEAI 10:3)

1. Katedra Biochemii Uniwersytetu, Warszawa  
(Ethyl methyl ether) (Methylenobishydroxycoumarin)

STEVOVIC, Jelica, dipl. fiz. hem., asist. (Beograd, Mlade Bosne 6);  
JACIMOVIC, Ljubodrag, dipl. fiz. hem., asistent

Production of  $^{131}\text{I}$ iodine. Tehnika Jug 17 no.8:Suppl.: Radioizotopi  
zrac 1 no.8:1449-1452 Ag '62.

1. Institut sa nuklearnim nauke "Boris Kidric", Beograd-Vinca.

CIMINIIEWSKA, Irena; JACHYMCZYK, Witold; KANTUGA, Zbigniew; LEMAK, Stanislaw;  
PASZEWSKI, Andrzej; ZADNOZYNSKA, Ewa

Components of Peonia flowers (Peonia lactiflora Pa 11). Pt.1.  
Rocz chemii 36 no.11:1599-1605 '62.

1. Department of Biochemistry, University, Warsaw.

JACHYMCIZYK, Witold

Solanesol and dolichol. Postepy biochem. 11 no.1:75-82 '65

STEVOVIC, J.; JACIMOVIC, IJ.

Valence forms of  $^{131}\text{J}$  in irradiated  $\text{TeO}_2$ ; abstract. Glas Hem  
dr 27 no.9/10:511 '64

1. The Boris Kidric Institute of Nuclear Sciences, Hot-Labo-  
ratory Department, Belgrade-Vinca.

JACIMOVIC, Stanimir, inz.

Influence of soil thermal resistivity on adequately loaded  
cables. Elektroprivreda 16 no.11/12:578-581 N-D '63



JACIHA, J.

Encopresis in children. Bratisl. lek. listy 34 no.7:762-769 July 54.

1. Z Detskej kliniky LFSU v Kosiciach, prednosta doc. dr. P.Denant.

(DEFECTION,

encopresis in child.)

JACINA, J.; TISCHLER, V.

Relation of infectious diseases and tuberculosis in children.  
Cesk.pediat. 11 no.2-3:127-132 Mar 56.

(TUBERCULOSIS, compl.

infect. dis. in child, statist.)

(COMMUNICABLE DISEASES, compl.

tuberc. in child., statist.)

EXCERPTA MEDICA Sec 7 Vol. 11/6 Pediatrics

1610. JACINA J. and TISCHLER V. Detskej Klin. LFUK, Košiciach. \*Význam  
gama globulínu v profylaxii niektorých infekčných chorôb. Gamma glo-  
bulin in the prevention of some infectious diseases LÉK.  
OBZOR 1956, 5/7-8 (454-460) Graphs 1 Tables 1

Gamma globulin (10%) for the prevention of infectious hepatitis and measles was  
used. The results were good, when the dose was sufficient and given at the right  
time (0.2-0.5 ml. per kg. in measles and 0.04 ml. for infectious hepatitis). 0.1  
ml. per kg. for prevention of mumps also seems to be effective although ex-  
periences of other authors are contradictory. Procházka - Prague (XX, 7, 6, 17)

PETROCI, J.; TISCHLER, V.; JACINA, J.

Prevention of chronic otitis in hypotrophic infants. Cesk. otolar.  
8 no.4:190-191 Aug 59.

1. Katedra starostlivosti o dieťa LFUK v Koniciach, veduci doc. dr.  
F. Demant.

(OTITIS MEDIA, in inf. & child) (INFANT NUTRITION DISORDERS, compl.)

TISCHLER, V.; JACINA, J.; HRUBA, B.; PAVKOVCEKOVA, O.

Effect of chlorpromazine on certain glyceimic tests in children. Cesk.  
pediat. 14 no.8:677-689 Aug 59.

(CHLORPROMAZINE, pharmacol.) (BLOOD SUGAR, pharmacol.)

YATSINA, Ya.; TISHLER, V.; GOMBOSH, A.

Functions of homotransplanted kidneys in immunologically similar  
dogs. Fiziol. zhur. 47 no.6:774-777 Jo '61. (MIRA 15:1)

1. From the Medical Faculty, Shafarik University, Kosice,  
Czechoslovakian S.S.R.  
(KIDNEYS--TRANSPLANTATION)

PAVKOVCHKOVA, O.; JACINA, J.; TISCHLER, V.

Kidney function tests in children with Henoch-Schoenlein purpura.  
Česk. pediat. 17 no.9:775-779 S '62.

1. Detská klinika Fakultnej nemocnice v Kosiciach, prednosta prof.  
dr. F. Demant.

(PURPURA)

(KIDNEY FUNCTION TESTS)

PETROCI, J.; VEREB, J.; TICHLER, V.; JACINA, J.

On the problem of reactivity of the organism in otitis media in infants.  
Cesk. otolaryng. 12 no.1:12-19 P '63.

1. Katedra starostlivosti o dieta LF UPJS v Kosiciach, veduci prof.  
dr. F. Demant.

(OTITIS MEDIA)	(BLOOD PROTEINS)	(BLOOD SEDIMENTATION)
(LEUKOCYTE COUNT)	(INFANT NUTRITION DISORDERS)	



PAVKOVCEKOVA, O.; JACINA, J.; TISCHLER, V.

Infantile form of Gaucher's disease in a 13-month-old child.  
Cesk. ped. 20 no.12:1092-1096 D ' 65.

1. Katedra starostlivosti o dieta Lekarskej fakulty University  
P.J. Safarika v Kosiciach (veduci - prof. dr. F. Demant).

Summary of a lecture ...

P/531/62/000/004/001/003  
D201/D308

error estimation and to dispense with full analysis of convergence. Since the engineering problems do not require greater accuracy than that of the second approximation, the proper use of this method makes it possible to end the calculations with the second approximation. This, in turn, means considerable economy and saving in time in calculations: the solution of the problem of nonlinear heat conduction in solids is given in detail together with detailed description of the above method of approximation. The paper is based on three earlier works by the author. The paper ends with a special problem.  
[Abstracter's note: Essentially complete translation...]

ASSOCIATION: Instytut Matematyki przy Wyższej Szkole Budowy Maszyn  
w Karl-Marx-Stadt (Institute of Mathematics of the  
Higher School of Machine Design at Karl-Marx-Stadt)

Card 2/2

✓ foam stability of beer. V. Fermentation process and characteristics of foam-producing substances. W. Pintsky, J. Jaeger and B. Nipel (*Brewwissenschaft*, 1955, 8, 200-207; cf. J.S.P.A. Abstr., 1955, 11, 85, 183, 244, 290).—Different strains of yeast have varying effects on the foaming properties of beers. Possible causes for the increase in foaming capacity which occurs during fermentation are examined. In normal bottom-fermentation the foaming capacity is not modified either by surface-active or by foam-inhibiting substances originating from the yeast. Practical conclusions from the investigations include emphasis on the germ-like constituents of the barley as the essential origin of the foaming constituents of beer; and the necessity for their protection from enzymic attack by avoidance of over-modification of the malt, and of rapidly low mashing and mashing temp. Other possible causes of reduction in foaming capacity are prolonged storage of the beer, turbulent flow through piping, and the use of colloid-adsorbing filtering agents. (19 references.)

P. S. Anup.

(2)

JACKIEWICZ, H.

Concerning the purchases from private sources. p.4.

(KOLENIEK SPOLDZIELCA. Vol. 9 /T.e.10/ no. 28, July 1957. Warszawa, Poland)

CC: Monthly List of East European Accessions (MEM) 12, Vol. 6, No. 10, October 1957. Uncl.

JACKIEWICZ, MAŁA.

Badania nad zmiennością i stanowiskiem systematycznym Galba palustris O. F. Mull.  
Łezna, Island. Państwowe Wydawn. Naukowe, 1959. 86 p.

Monthly List of East European Accessions Index (FEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

JACKIEWICZ, Maria, dr.

Redescription of the snail *Limnaeus vulneratus* Küster,  
1892 = *Limnaea berlani* Bourguignat, 1870 (Mollusca, Gastropoda).  
Sciences biol Biul Poznan no.3:47-62 '62.

1. Institut fuer Morphologie der Tiere, Adam Mickiewicz  
Universität, Poznan.

5 ALKIEWICZ, Z.

29  
17  
✓ Estimation of certain quality characteristics of plates for process work. Witold Romer, M. Gredka, Z. Jackiewicz, H. Pasek, and W. Piebanczyk (Inst. Tech., Wrocław, Poland). *J. Phot. Sci.* 6, 144-52(1958).—Sensitometric criteria are proposed for measuring the "effective contrast" of photographic materials for line and halftone work. Methods of estg. the resolving power of materials in line photography and of dot quality in the halftone process are described. A dot quality coeff. is formulated. Good correlation between the contrast factor and resolution is found for material of conventional type but no correlations for materials of the "lith"-type. A linear relation is found between the dot quality coeff. and the contrast coeff. for both conventional and lith-type materials. Latitude requirements for continuous tone copying of originals are formulated. None of the materials tested satisfy these requirements. Authors—

eR.

JACKO, R.

"Fluorides in the ground water of the Danube plain. "

p. 292 (Voda) Vol. 36, no. 11, Nov. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,  
April 1958



JACKOWSKA, Irena

Influence of shortlasting changes of the soil humidity upon the crop formation of spring wheat of Opole. Roczn. nauk roln. rosl 82 no.2:355-373 '61.

1. Pracownia Uprawy Zboz, Instytut Uprawy, Nawożenia i Gleboznawstwa, oddzial Gorzow Wlkp.

ULINSKI, G.; JACOWSKA, J.; HAFICZEWSKA, E.

Reaction of certain species of barley and oats to precipitation deficiency under the climatic and soil conditions of the Gorzow Wielkopolski Region. Roczn. nauk roln. rosl. 85 no. 4: 605-630, 1962.

1. Pracownia Uprawy Zboz, Instytut Uprawy, Nawożenia i Gleboznawstwa, Gorzow Wielkopolski.

LISTOWSKI, A.; JACKOWSKA, I.

Observations on plant development. Pt. 6. Acta soc botan Pol 31  
no.1:109-118 '62.

1. Institute for Soil Science and Cultivation of Plants, Pulawy.

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

Observations on plant development. Pt. 4. Area no. below lat 33 no.: 705-727 104.

**"APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000619420001-8**

**APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000619420001-8"**

JACKOWSKI, K., vezető vízturbina szakerto; LASKI, A.

Plans for the construction of hydroelectric power stations on the Lower Vistula by means of tubular turbines. Hidrológiai közlöny 44 no. 4:153-158 Ap '64.

1. Varsoi "Hidroprojekt" (for Jackowski); 2. Varsoi "Hidroprojekt" vízeromu tervezési osztálynak vezetője (for laski).

JACKOWSKI, Marcin, mgr., inż.

Pig iron import from Soviet Russia shall increase Poland's economic potential. Przegl techn 81 no.19:21-22 '60.

P/005/60/000/022/001/001  
A076/A026

AUTHOR: Jackowski, Marcin; Master of Engineering  
TITLE: A New Steel Casting and Forging Plant  
PERIODICAL: Przegląd Techniczny, 1960, <sup>31</sup>No. 22, pp. 1 - 2

TEXT: One of the big investments during the 5-Year Plan 1961-1965, will be the construction of a new steel casting and forging plant in Ostrowiec. It is estimated that about 2 billion złoty will be spent on this project. According to plans, the new forging plant will produce heavy ingots weighing several tons, cast iron ingots up to 200 tons and in addition, the plant will supply furnace charges for 5 mills in an old plant located in Ostrowiec. The production plan dictated by actual industrial needs enables basic production plants to place orders for forged shafts up to 80 tons. Demand for heavy ingots increased in Poland when production of ships and of 50 and 120 Mw turbines began. Future production of this plant will also include heavy castings. Until now the biggest casting produced in Poland reached 200 tons. Two such castings, each of 200 tons, parts of a heavy sheet rolling mill designed by the "Biprohut", were produced in Poland under the most difficult conditions. The new plant will meet such demands, being equipped

Card 1/2



JACKOWSKI, M.

Party economic conference in state enterprises of geodesy and cartography, west branch, in Lodz, p. 57. (PRZEGIAD GEODEZYJNY, Warszawa, Vol. 11, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955, Uncl.

JACKOWSKI, R.

Determination of fetal pulse. Polski tygod. lek. 7 no. 49:1649-1650  
8 Dec 1953. (CINL 24:2)

JACKOWSKI, Roman (Szczecin, Piastow 1)

Fetal and newborn mortality in the Szczecin region. Gln. polska  
25 no.4:354-366 Oct-Dec 54.

1. Z Oddzialu Polozniowo-Ginekologicznego Szpitala Miejskiego  
imienia Ludwika Rydygiera w Szczecinie. Ordynator: dr med.  
R.Jackowski.

(VITAL STATISTICS,  
inf. & fetal mortal. in Poland)

JACKOWSKI, Roman

Effect of early ambulation in labor. Gin. polska 27 no.3:  
355-364 May-June 56.

1. Z Oddziału Położniczo-Ginekologicznego Szpitala Kolejowego  
w Szczecinie Ordynator: dr. R. Jackowski.  
(PUERPERIUM,  
early ambulation (Pol))

Country : Poland H-34  
 Category Chemical Technology. Chemical Products and Their  
 Applications. -- Dyeing & Chem. Treatment of Text.  
 Abs. Jour R. Zh. - Khim., No. 11, 1959 Materials. 41084  
 Author : Jackowski, T.  
 Institut. : ~~Not given~~  
 Title : The Effect of Colloidal Silicon on the Processing  
 of Cotton and on the Quality of the Yarn  
 Orig Pub. : Przegląd Włókien, 12, No 3, 122-129 (1958)  
 Abstract : A review of the literature on the treatment of  
 cotton with Siton W-20 (a colloidal dispersion of  
 $\text{SiO}_2$ ): physicochemical properties, effect on  
 bleaching process, padding, aging, and dyeing.  
 An analysis of the stage in the process at which  
 the precipitation of the  $\text{SiO}_2$  can be carried out  
 is given. The results from the application of  
 Siton W-20 to the processing of cotton are sum-  
 marized in tables.

I. Fodiman

Card: 1/1

JACKOWSKI, Tadeusz

Physicommechanical properties of fibers and the shagginess  
 of yarn. Przegl włókien 16 no.10:510-513 0 '62.

1. Politechnika, Lodz.

JABLONSKI, Wladyslaw; JACKOWSKI, Tadeusz

Effects of the work of flat card on the amount of ends  
down in the spinning process. Przegl wlokien 17 no. 3:  
109-112 Mr '63.

1. Technical University, Lodz.

JACKOWSKI, Tadeusz; CHYLEWSKA, Barbara

Influence of the physical and mechanical properties of fibers on the quality of fiber-blend spun yarn. Przegl włokien 17 no.8; 259-264 Ag '63.

1. Technical University, Lodz.

JACKOWSKI, Tomasz, dr

Book reviews. Przegl włokien 18 no.9:Suppl:Biul inst włokien  
16 no.4:5 S '64.



SZYPENBEIL, Wiktor, mgr; JACNIACKI, Klemens

The small harbors of West Pomerania during the period before the Second World War" by Zbigniew Szopowski. Reviewed by Wiktor Szypenbeil, Klemens Jacniacki. Tech gosp morska 12 no.11:339-340 N '62.

1. Koszalin. Urząd Morski, Koszalin.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420001-8

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420001-8"

**"APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000619420001-8**

**APPROVED FOR RELEASE: 08/10/2001**

**CIA-RDP86-00513R000619420001-8"**

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420001-8

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420001-8"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420001-8

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619420001-8"

16(1) PHASE I BOOK EXPLOITATION 304/2660

Vsesoyuznyy matematicheskiy s'ezd. 3rd, Moscow, 1956

Trudy. V. 4: Kratkoye soderzaniye sektsionnykh dokladov. Doklady Inostrannykh uchennykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow, Vol. 4, Summary of Sectional Reports. Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959. 287 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskii institut.

Techn. Ed.: G.M. Shevchenko; Editorial Board: A.A. Abramov, V.G. Boltyanskii, A.M. Vasil'yev, B.V. Medvedev, A.D. Myasnikov, S.M. Nikol'skiy (Resp. Ed.), A.G. Postnikov, Yu. I. Izrael, E.A. Rabinovich, E. L. Ul'yanov, V.A. Uspenskiy, R.D. Chistyakov, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists. COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first two volumes. The second part contains the text of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the title of the paper is cited and, if the paper was published in a previous volume, reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover a wide range of topics in number theory, algebra, differential and integral equations, functional analysis, problems of mathematical physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

Jacob, C. (Romania). On subsonic gas flows 241

Section on the Mathematical Problems of Physics

Kaplan, M.I. (Great Britain). Generalization of Van der Waals equation 243

Section on the History of Mathematics

Li, Ten (Chinese People's Republic). On the problem of ancient Chinese mathematics 245

AVAILABLE: Library of Congress

Card 34/74

12-55/55

L3090

P/033/62/014/003/005/011  
D251/D308

10.1200

AUTHOR: Jacob, Caius (Bucharest)

TITLE: On some exact solutions of gas dynamics

PERIODICAL: Archiwum Mechaniki Stosowanej, v. 14, no. 3-4, 1962,  
603-619

TEXT: The author makes a survey of the principal exact solutions of the theory of gas jets at high subsonic velocities, using the hodograph method of S. A. Chaplygin. The following exact equations are considered: a semicircle - Chaplygin, a circular segment - C. Jacob and Simona Popp, a circular segment with a cut on the abscissa - S. V. Fal'kovich generalized here by the author, a semi-circle with a cut on the abscissa from  $(V_1, 0)$  to  $(V_2, 0)$  - V. I. Troshin and a segment of a ring - L. N. Sretenskiy. A brief survey is made of the approximate methods of the author, and also of A. I. Bunimovich and G. A. Dombrovskiy. There are 6 figures and 60 references. f  
✓

ASSOCIATION: Faculté de Mathématique et Mécanique, Université de Bucarest (Faculty of Mathematics and Mechanics, University of Bucharest)

Card 1/1

... of the ...  
... particular cases, ...



S/276/63/000/001/015/028

A006/A101

# Rotary extrusion of cylindrical parts

The cups were extruded from sheets with  $s_0 = 1.0$  mm. After drawing, rotary extrusion was performed to level out the wall thickness  $s_0$  to 0.9 mm. In direct rotary extrusion the torque of the machine from the mandrel on the spindle is transmitted to the roll through the blank bottom and the extruded thin wall of the part. In indirect rotary extrusion the transmission of the torque is performed through the open butt end and the upper not yet extruded section of the blank. The experiments show that in case of strengthened metal a considerably lesser force in rotary extrusion is required than for annealed metal. For instance, for annealed StVIII steel at  $\epsilon = 61.3\%$  the axial force  $P_A = 206$  kg and radial  $P_R = 221$  kg; for non-annealed steel at  $\epsilon = 60.8\%$   $P_A = 113$  kg and  $P_R = 168$  kg. This is explained by the abundance of metal formed in front of the roll. A considerably greater abundance will arise in soft metal, whereby the force increases. With greater  $\epsilon$ ,  $P_A$  increases almost proportionally;  $P_R$  at  $\epsilon = 60 - 70\%$  attains a maximum (a subsequent decrease proves the presence of cracks). The initial cup-blank should not possess non-uniform internal stresses. These conditions are fulfilled during extrusion in 2 passes without annealing. In rotary extrusion of the blanks, extruded in 3 and 4 passes, satisfactory surface quality was not obtained. It is necessary to perform annealing prior to

Card 2/6

3/76/63/000/001/015/028  
AOC6/A101

# Rotary extrusion of cylindrical parts

in 3 passes. A socket with  $s = 0.08$  mm ( $\varepsilon = 96\%$ ) was produced by indirect rotary extrusion in 4 passes from a (C15) blank with  $s_0 = 2.0$  mm. In individual passes  $\varepsilon$  should not exceed 50%. The speed of direct rotary extrusion in axial direction should not exceed the permissible feed rate. For StIII and StVIII blanks, 100 mm in diameter,  $s_v$  is not over 0.3 mm/rev; for blanks 500 mm in diameter  $s_v$  is not over 0.5 mm/rev, at a rotary extrusion speed as high as 2 - 5 m/sec. These values are also limited by arising vibration (to remove some the roll diameter should be a multiple of the mandrel diameter). The roll should have the shape of two truncated cones joined by their bases with intermediate radius  $\rho$ . Tests were made at half angles of the cone  $\alpha = 12.25$  and  $45^\circ$ . In respect to minimum abundance, quality of the part and the force,  $\alpha = 25^\circ$  is optimal; at other  $\alpha$  values the forces increased by almost twice. Investigations of the effect of  $\rho = 1.0$ ; 3.0 and 5.0 mm show that higher  $\rho$ -values should be selected for larger diameters of the parts. For instance, for a V4AE socket, 40 mm in diameter, and  $s = 0.1$  mm at  $\rho = 1.0$  mm the removal from the mandrel is difficult; at  $\rho = 3.0$  mm removal is facilitated. It is recommended to produce the rolls from instrument steel 210 Cr 46 (62-64 RC) and others; small-diameter rolls for large-scale production should be manufactured from high-speed steel. Mandrels

Card 4/6

JACOB A.P.

V State of electron solvation by sound velocity and  
viscosity measurements. B. B. Kiselevskii, L. P. Kiselevskii  
and M. G. Kiselevskii (Inst. of Chemistry, USSR Acad. Sci.,  
Moscow, U.S.S.R.) J. Chem. Phys. 52: 1000-1004, 1970.  
The authors have measured the sound velocity and viscosity of  
aqueous solutions of various electrolytes at 25°C. The  
results are compared with the data of other authors and  
theoretical calculations. The authors conclude that the  
sound velocity and viscosity measurements can be used to  
determine the state of electron solvation in aqueous  
solutions. The authors also mention that the sound velocity  
and viscosity measurements can be used to determine the  
state of electron solvation in other solvents.

1000

RUMANIA/General and Special Zoology - Insects.

P.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30635

Author : Jacob, T.

Inst : -

Title : Supervision of Sanitary Conditions in the Andronake Forest and (Aviation) Control of the Larvae of Leaf Beetles.

Orig Pub : Rev. padurilor, 1956, 71, No 10, 672-674

Abstract : The Ministry of forest cultures in Romania organised and carried out an aviation treatment of the Andronake forest on an area of about 1500 hectares. Dusting with a mixture of equal amounts of DDT and HCCH dusts in 40-50 kg/hectare destroyed approximately 96% of the gypsy moth larvae and 92% of the larvae of the oak leaf roller and of the measuring-worm moth; dusting with a 0.2-1% of DDT oil emulsion destroyed 98% of the gypsy moth larvae and 95% of the larvae of the leaf-roller and of the

Card 1/2

L 12359-63

BDS ESD-3 RM

S/081/63/DX10/005/015/075

52

AUTHOR: Jacob, W. and Jacob, Z.

TITLE: Investigations of photochemical reactions of octacyanomolybdates and octacyanotungstates I. Preliminary results

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 101, abstract 5V57, (Roczn. chem., 1962, v. 36, no. 4, 593,600)

TEXT: In visual and UV irradiated solutions of  $K_4[Mo(CN)_8] \cdot 2H_2O$  (I) and  $K_4[W(CN)_8] \cdot 2H_2O$  (II) there were observed primary and secondary photochemical reactions. The primary stage is accompanied by changes in the color of the solution from yellow to red (for a period of several minutes), the second stage leads to formation of light blue  $[Mo(CN)_4(OH)_2]^{2-}$  or violet  $[W(CN)_4(OH)_2]^{2-}$  (for several hours). The primary photochemical reaction is reversible: in the dark the red color of the solution gives way to yellow. Temperature heavily influences this process. The increase of  $OH^-$  ion concentration decreases the intensity of the red color and hastens the secondary stage of the photochemical reaction. A great quantity of KOH or NaOH significantly increases the process of formation of hydroxycyanides, and the latter may be isolated as solid substances. The addition of  $NH_3$ ,  $C_5H_5N$ ,  $N_2H_4$

Card 1/2

Card 2/2

L 12359-63

BDS ESD-3 RM

S/081/63/0010/005/015/075

52

AUTHOR: Jacob, W. and Jacob, Z.

TITLE: Investigations of photochemical reactions of octacyanodicytates and octacyanotungstates I. Preliminary results

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 101, abstract 5V57, (Roczn. chem., 1962, v. 36, no. 4, 593,600)

TEXT: In visual and UV irradiated solutions of  $K_4[Mo(CN)_8] \cdot 2H_2O$  (I) and  $K_4[W(CN)_8] \cdot 2H_2O$  (II) there were observed primary and secondary photochemical reactions. The primary stage is accompanied by changes in the color of the solution from yellow to red (for a period of several minutes), the second stage leads to formation of light blue  $[Mo(CN)_4(OH)_2]^{2-}$  or violet  $[W(CN)_4(OH)_4]^{4-}$  (for several hours). The primary photochemical reaction is reversible: in the dark the red color of the solution gives way to yellow. Temperature heavily influences this process. The increase of  $OH^-$  ion concentration decreases the intensity of the red color and hastens the secondary stage of the photochemical reaction. A great quantity of KOH or NaOH significantly increases the process of formation of hydroxycyanides, and the latter may be isolated as solid substances. The addition of  $NH_3$ ,  $C_5H_5N$ ,  $N_2H_4$

Card 1/2

'L 12359-63

S/081/63/000/005/015/075 0

Investigations of photochemical -...

to the irradiated red solution leads to transition of the color to yellow. If at first these amines are added to the nonirradiated solutions of I or II, and then these solutions are irradiated, their color changes to red. The conductivity of solution I under irradiation decreases. The authors express the opinion that at the time of irradiation there are additional products formed of the polar molecules  $H_2O$ ,  $NH_3$ , or  $N_2H_4$  with the complex anions II and II, resulting in reddish color.

Being large and therefore fairly immobile, these complexes decrease the conductivity of the irradiated solution I. Molecules of  $H_2O$  are more loosely bound by octocyanine complexes. The more readily polarized molecules  $NN_2$  or  $N_2H_4$  form more stable super complexes with octacyanides. The authors also consider that increase in stability of the red solutions containing  $NH_3$  or  $N_2H_4$  is dependent on the large size of the dipole moments of these molecules. A. Sychev.

[Abstractor's note: Complete translation]

Card 2/2

KONDI, V.; JACOBESCU, A.; MITRICA, N.; BALAN, St.

Plasma defibrination through heat. Rumanian M. Rev. 1 no.3:11-13  
July-Sept 57.

1. The Centre for Haematology and Transfusion, Bucharest.  
(BLOOD PRESERVED  
plasma defibrination by heat)  
(HEAT, eff.  
defibrination of plasma for storage)



R/009/62/000/011/002/002  
D272/D308

AUTHOR: Jacobescu, José  
TITLE: The corrosion of metals and the anti-corrosion protective film  
PERIODICAL: Metalurgia și Construcția de Mașini, no. 11, 1962, 992-994

TEXT: The preparation of metal surfaces for application of protective paints and enamels discussed, stressing the points requiring special attention. The problem of proper ground preparation is considered in detail, presenting a new sub-coating material of exceptional anti-corrosive protection properties. This film, (G-431-1) developed at the Laboratorul central de cercetări lacuri și cerneluri - Bucuresti (Central Research Laboratory of Lacquers and Inks - Bucharest), is based on Zn chromate and tung oil. When applied by spraying onto the metal and drying in air, it did not present any deterioration after 72 hours in water, retained its elasticity up to the breaking point of the metal, and resisted

Card 1/2

STUBINSKI, Zdzisław; JACOWSKI, Jan

Spontaneous hyperlipemia in a 14-year-old girl. Pol. tyg. lek.  
19 no.37:1419-1421 3 14 '64

1. Z 1 Kliniki Pediatricznej Uniwersyteckiej Akademii Medycznej w  
Szczecinie (Kierowniki: prof. dr. med. J. Szankiewiczowa) i w  
Centralnego laboratorium P.S.K. Nr.1 w Szczecinie (Pielęgniarka:  
lekarz H. Sliwiska).

J/C-1-3 - 11

POLAND/Chemical Technology - Dyeing and Chemical  
Processing of Textiles.

H-34

Abs Jour : Ref Zhur - Khimiya, No 12, 1958, 41268  
Author : Yakobaon, Domansky  
Inst :  
Title : Comments Concerning the Publication of Katupshuk's "Dyes  
for Better Shade Effect", and the Author's Reply.  
Orig Pub : Przem. Chem., 1956, 12, No 4, 243-244  
Abstract : See R. Zh. Khim., 1957, 58695.

Card 1/1

JACORZYNSKI, TADEUSZ

POLAND/Chemical Technology - Chemical Products and Their  
Application. Control and Measuring Devices.  
Automatic Regulation.

H-3

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8325

Author : Jacorzynski Tadeusz

Inst : -

Title : Pneumatic Measuring and Regulating Devices Based on the  
Method of Equilibrium of Forces.

Orig Pub : Poniary, automat., kontrola, 1955, 1, No 2, 52-58

Abstract : A comparison of pneumatic devices (PD) operating in accordance with the principle of equilibrium of forces, with PD based upon the principle of equal displacements; there are also considered different measuring and regulating PD of the first mentioned kind -- of diaphragm type (pressure transmitters, amplifiers, regulators, converters, etc.) A description is given of the principle of operation of

Card 1/2